

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-215316

(43)Date of publication of application : 06.08.1999

(51)Int.Cl.

H04N 1/04

G06T 1/00

// H04N 1/40

(21)Application number : 10-009504

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(22)Date of filing : 21.01.1998

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(54) IMAGE READER

(57)Abstract:

PROBLEM TO BE SOLVED: To attain level adjustment of a video input signal when an original is read with an inexpensive and simple reader configuration by using plural analog switches for adjusting the current of an LED array.

SOLUTION: A light emitted from an LED array 11 is emitted onto an original, an A/D converter 2 converts an analog video input signal resulting from its reflected light into a digital video input signal and is given to an image processing controller 5. The controller 5 detects a peak level of the converted video input signal, and a CPU 7 discriminates whether or not the detected peak level has reached a prescribed level. When the peak level is not a prescribed level, an LED current adjustment circuit 3 adjusts the current of the LED array through the on/off control of plural analog switches.

